

**Substitute for form 1449/PTO**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

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Complete if Known	
Application Number	10/511422
Filing Date	October 14, 2004
First Named Inventor	Michael Kempe
Art Unit	2809
Examiner Name	Michael Carter

Sheet

1

of

3

**Attorney Docket Number**

3081.93US01

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
/M.C./		WO 02/05394 A1	01/17/2002	Huignard	

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**NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIAL <sup>1</sup>	CITE NO. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/M.C./		GRIEBNER et al., "Efficient laser operation with nearly diffraction-limited output from a diode-pumped heavily Nd-doped multimode fiber," <u>OPTICS LETTERS</u> , Vol. 21, No. 4, pgs. 266-268 (February 15, 1996).	
/M.C./		ZELLMER et al., "Fiber lasers - compact laser light sources for the near infrared spectral range," <u>Laser und Optoelektronik</u> , pgs. 53-59 (4/29/1997).	
/M.C./		MIYAMOTO, "Output Beam from a Confocal Resonator with a Pinhole for Mode Selection," <u>APPLIED OPTICS</u> , Vol. 11, No. 9, pgs. 2040-2046 (September 1972).	
/M.C./		HODGSON et al., "Degenerated confocal resonator," <u>APPLIED OPTICS</u> , Vol. 32, No. 18, pgs. 3190-3200 (June 20, 1993).	
/M.C./		AIT-AMEUR, "Transverse mode selection in resonator with a super-Gaussian aperture," <u>J. Modern Optics</u> , Vol. 40, No. 9, pgs. 1833-1838 (1993).	
/M.C./		TOWNSEND et al., "Unobscured unstable resonator design for large bore lasers," <u>Mirrors and Windows for High Power/High Energy Laser Systems</u> , Proc. SPIE, Vol. 1047, 184-188, pgs. 314-318 (1989).	
/M.C./		YASUI et al., "Negative-branch unstable resonator with a phase unifying output coupler for high power Nd:YAG lasers," <u>APPLIED OPTICS</u> , Vol. 29, No. 9, pgs. 1277-1280 (March 20, 1990).	
/M.C./		CHEN et al., "An unstable confocal resonator with unitized output coupling," <u>Optics Communications</u> , Vol. 100, no. 5, 6, pgs. 467-472 (1993).	
/M.C./		PARE et al., "Custom Laser Resonators Using Graded-Phase Mirrors," <u>IEEE J. OF QUANTUM ELECTRONICS</u> , Vol. 28, No. 1, pgs. 355-362 (January 1992).	
/M.C./		ZEITNER et al., "High modal discrimination for laser resonators with Gaussian output beam," <u>J. Modern Optics</u> , Vol. 40, No. 9, pgs. 1309-1314 (1999).	
/M.C./		FARAHBOD et al., "Performance of Nd:YAG lasers in coupled generalized self-filtering and positive-branch unstable resonators," <u>APPLIED OPTICS</u> , Vol. 38, No. 21, pgs. 4516-4527 (July 20, 1999).	

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		Examiner Name	Michael Carter
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<b>NON PATENT LITERATURE DOCUMENTS</b>			
EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
/M.C./		IMAI et al., "Speckle contrast of laser light transmitted through multimode optical fiber," <u>Optik</u> , Vol. 18, No. 3, pgs. 335-340 (1977).	
/M.C./		DE SILVESTRI et al., "Lasers with Super-Gaussian Mirrors," <u>IEEE J. OF QUANTUM ELECTRONICS</u> , Vol. 26, No. 9, pgs. 1500-1509 (September 1990).	
/M.C./		McCARTHY et al., "Optical resonators with Gaussian reflectivity mirrors: output beam characteristics," <u>APPLIED OPTICS</u> , Vol. 23, No. 21, pgs. 3845-3850 (November 1, 1984).	
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/M.C./		LUTHOR-DAVIES B. ET AL., "A Novel Single Mode Oscillator Incorporating an Internal Multi-mode Optical Fibre and Phase Conjugate Reflector," <u>NonLinear Optics: Materials, Phenomena and Devices</u> , July 1990 (pgs. 126-127).			
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